

## ***PROCALCITONIN***

Procalcitonin (PCT) is a 116 amino acid residue peptide with molecular weight of ~ 13 kDa. It belongs to a group of related proteins including calcitonin gene-related peptides I and II, amylin, adrenomodulin and calcitonin (CAPA peptide family). PCT is produced normally in C-cells of the thyroid glands, and can be produced by several cell types and many organs in response to pro-inflammatory stimuli, in particular by bacterial products.

Procalcitonin (PCT) is used as a new biomarker for sepsis with high diagnostic accuracy. The measurement of PCT for an early and effective diagnosis is recommended in all patients in whom sepsis and a systemic inflammatory response is suspected.

Beyond its value for the diagnosis of sepsis, PCT has also proved to be useful in monitoring the course and severity of the systemic inflammatory response.

<b>Description</b>	<b>Abbr.</b>	<b>Cat No.</b>	<b>Remarks</b>
Recombinant human Procalcitonin	PCT	SDZ900121	Control
Mouse anti-human PCT monoclonal antibodies	mAb-PCT	SDZ7101200	EIA / W